

Abstract

Methods and apparatus for more effectively managing humidity of an inside space using an air conditioner are provided. In one illustrative embodiment, the system determines whether the humidity level in an inside space is above a predetermined humidity threshold, and if so, changes a control parameter such as a minimum “on” time for the air conditioner. If the humidity level in the inside space is not above the predetermined humidity threshold, the control parameter is not changed, or changed less than when the humidity level is above the predetermined humidity threshold. Rather than changing (i.e. increasing) the minimum “on” time, it is contemplated that any control parameter that increases the “on” time of the air conditioner may be used including, for example, changing (i.e. decreasing) the maximum cycle rate allowed for the air conditioner.